

Title (en)  
GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES WITH FLAVONOID 3'-HYDROXYLASE ACTIVITY AND USES THEREOF

Title (de)  
GENSEQUENZEN KODIEREND FÜR ENZYME DES FLAVONOID STOFFWECHSELWEGES MIT EINER FLAVONOID 3'-HYDROXYLASE AKTIVITÄT UND IHRE ANWENDUNGEN

Title (fr)  
SEQUENCES GENETIQUES CODANT POUR DES ENZYMES DE LA CASCADE DES FLAVONOÏDES AYANT UNE ACTIVITÉ FLAVONOÏDE 3'-HYDROXYLASE ET LEURS UTILISATIONS.

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Application  
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Priority

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Abstract (en)  
[origin: US5639870A] PCT No. PCT/AU93/00127 Sec. 371 Date Nov. 30, 1994 Sec. 102(e) Date Nov. 30, 1994 PCT Filed Mar. 25, 1993 PCT Pub. No. WO93/20206 PCT Pub. Date Oct. 14, 1993 The present invention relates to a nucleic acid isolate comprising a sequence of nucleotides encoding, or complementary to a sequence encoding, a flavonoid 3'-hydroxylase or a functional derivative thereof. The present invention also relates to transgenic plants carrying and/or expressing the above-mentioned nucleic acid material.

IPC 1-7  
**C12N 15/53; C12N 15/82; C12N 9/02; C12Q 1/68; A01H 5/00**

IPC 8 full level  
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Cited by  
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**WO 9320206 A1 19931014**; AT E239793 T1 20030515; AU 3741393 A 19931108; AU 673514 B2 19961114; CA 2132961 A1 19931014; DE 69332951 D1 20030612; DE 69332951 T2 20040226; DK 0640136 T3 20030901; EP 0640136 A1 19950301; EP 0640136 A4 19960417; EP 0640136 B1 20030507; ES 2196005 T3 20031216; JP H07505772 A 19950629; NZ 249808 A 19960925; US 5639870 A 19970617

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